

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-64.(canceled)

65(new). A method of processing a video including sumo comprising:

- (a) identifying a plurality of segments of said video, based upon an event, wherein said event is characterized by a start time based upon when the players line up to charge one another and an end time based upon when one of the players at least one of steps outside the ring and touches the ring surface with part of his body other than the shoes of his feet, where each of said segments includes a plurality of frames of said video;
- (b) identifying said start time by:
 - (i) identifying sequential image frames of said video having an upper spatial region being substantially darker than a lower spatial region of said frame wherein said lower spatial region comprises, at least in part, a pair of regions having a dominant color description representative of skin tone;
 - (ii) binarizing said image frames by identifying pixels representative of skin tone and pixels not representative of skin tone;
 - (iii) projecting the binarized said image frames along at least one of a vertical and a horizontal axis; and
 - (iv) analyzing the projected said binarized images for each of a plurality of said sequential frames;
- (c) identifying said end time; and
- (d) creating a summarization of said video comprising said plurality of segments, each of said segments including an associated said start time and said end time, where said summarization includes fewer frames than said video.

66(new). The method of claim 65 where each of said plurality of segments comprises a sequential series of frames of said video, said series beginning at a frame prior to an associated said start time and ending at a frame after an associated said end time.

67(new). The method of claim 66 wherein each of said plurality of segments includes at least a portion of pre-bout ceremonies.

68(new). The method of claim 65 wherein said start time is temporally proximate a charge of the two players.

69(new). The method of claim 65 wherein said end time is temporally proximate a stepping out of the ring.

70(new). The method of claim 65 wherein said end time is temporally proximate a touching of the surface of the ring by a part of his body other than the soles of his feet.

71(new). The method of claim 65 wherein said event is defined by the rules of sumo.

72(new). The method of claim 65 wherein said summarization is in the same temporal order as said plurality of segments within said video.

73(new). The method of claim 65 wherein said identification is made at least in part based upon the color characteristics of said video.

74(new). The method of claim 65 wherein said end time is determined based upon a scene change.

75(new). The method of claim 74 wherein said scene change is based upon a threshold between at least two frames.

76(new). The method of claim 74 wherein said scene change is based upon a gradual transition below a threshold level.

77(new). The method of claim 65 wherein said dominant color description includes 25 percent of said pair of regions.

78(new). The method of claim 65 wherein said dominant color description includes 50 percent of said pair of regions.

79(new). The method of claim 65 wherein said dominant color description includes 75 percent of said pair of regions.

80(new). The method of claim 65 wherein the step of analyzing the projected said binarized image comprises identifying candidate start time frames having horizontal binarized projections with two similarly sized peaks spaced about a vertical axis.

81(new). The method of claim 80 wherein the step of analyzing the projected said binarized image also comprises identifying candidate start time frames having vertical binarized projections with a single peaks substantially symmetrical about a vertical axis.

82(new). The method of claim 80 including the step of determining whether the said binarized horizontal projections for sequential frames subsequent to a candidate start frame show said similarly sized peaks moving towards each other.